



Plumbing Apprenticeship Program – Areas of Study – Years 1 – 4

This program of study satisfies the state requirement for plumbers' apprentice educational hours. Students should register for the course that corresponds with their year of apprenticeship. Courses are designed to provide students with the necessary knowledge to progress through the four-year apprenticeship and help prepare students to pass the state licensing examination. There are 4 Levels of classes offered and are to be taken one level per year. **THIS IS NOT A HANDS-ON PROGRAM.**

This program is approved by the State Apprenticeship Council of the Rhode Island Department of Labor and Training. Classes include reading assignments, tests, and online assessments. **Attendance is strictly enforced.** Makeup classes are limited and could incur an additional cost.

PLEASE NOTE: Each semester consists of 75 hours: 25 meetings in the fall term and 25 meetings in spring term. All Plumbing Apprenticeship Training classes will be held online. All students must register prior to the start of class. Areas of study include:

Plumbing I: \$1,225 + \$10 non-refundable registration fee (includes Textbook, Code & Commentary book and *NCCERconnect E-book access)

- Introduction to plumbing • fixtures and faucets • plumbing drawings • plumbing math • plastic pipe and fittings • introduction to drain, waste and vent systems • distribution systems • copper pipe and fittings • cast iron pipe and fittings

Plumbing II: \$1,165 + \$10 non-refundable registration fee (includes Textbook and *NCCERconnect E-book access)

- Installing water heaters • installing DWV piping • installing water supply piping • installing fixtures, valves and faucets • servicing fixtures, valves and faucets • installing roof, floor and area drains • types of valves • plumbing math • commercial drawings • fuel gas systems

Plumbing III: \$1,165 + \$10 non-refundable registration fee (includes Textbook and *NCCERconnect E-book access)

- Backflow preventers • indirection and special waste • servicing piping systems, fixtures and appliances • sewage pumps and sump pumps • water pressure boosters and recirculating systems
- sizing water supply piping • types of venting and proper application • applied math • codes

Plumbing IV: \$1,165 + \$10 non-refundable registration fee (includes Textbook and *NCCERconnect E-book access)

- Private water supply systems • water supply treatment • compressed air • plumbing for mobile homes and mobile home parks • swimming pools and hot tubs • locating buried water and sewer lines • sizing DWV and storm systems • corrosive-resistant waste piping • hydronic and solar heating systems • business math for plumbers

Note: EasyPay is not available. Payment in full, is required, at time of registration.

***NCCERconnect E-book information will be given to students at time of textbook pick up before class start date.**